

EAST Search History

| Ref # | Hits | Search Query | DBs | Default Operator | Plurals | Time Stamp |
|-------|------|--|---|------------------|---------|------------------|
| L1 | 62 | (US-20040244992-\$ or US-20020000319-\$ or US-20010045284-\$ or US-20040182579-\$ or US-20040182578-\$ or US-20040173355-\$ or US-20040159466-\$ or US-20040159435-\$ or US-20040003925-\$ or US-20030205379-\$ or US-20030192717-\$ or US-20030056953-\$ or US-20020162657-\$ or US-20010040054-\$ or US-20050252688-\$ or US-20050167120-\$ or US-20050167115-\$ or US-20050178555-\$ or US-20050155771-\$ or US-20040168809-\$ or US-20020185274-\$ or US-20020060073-\$ or US-20040069496-\$ or US-20030150614-\$ or US-20020096325-\$ or US-20020023757-\$).did. or (US-6935422-\$ or US-6915855-\$ or US-6902000-\$ or US-6883611-\$ or US-6712142-\$ or US-6708769-\$ or US-6648068-\$ or US-6595289-\$ or US-6578630-\$ or US-6374918-\$ or US-6336507-\$ or US-6189616-\$ or US-6138761-\$ or US-6135208-\$ or US-5520252-\$ or US-6065543-\$ or US-6062306-\$ or US-6035937-\$ or US-6035935-\$ or US-6012527-\$ or US-6119771-\$ or US-6092602-\$ or US-6070671-\$ or US-6907930-\$ or US-6047774-\$ or US-6749026-\$). did. or (US-6698517-\$ or US-6619400-\$ or US-6263968-\$ or US-6158514-\$ or US-6910537-\$ or US-6684953-\$ or US-6561269-\$ or US-5884698-\$ or US-6070667-\$). did. or (US-2858107-\$).did. | US-PGPUB; USPAT; USOCR | OR | ON | 2006/05/12 09:51 |
| L2 | 0 | L1 and steerable adj tool | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/05/12 08:41 |

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| L3 | 55 | L1 and liner | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/05/12 08:41 |
| L4 | 3 | L1 and (liner adj tub\$4) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/05/12 09:26 |
| L5 | 0 | L1 and (drilling adj collar) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/05/12 09:27 |
| L6 | 9 | L1 and logging | US-PGPUB; USPAT; USOCR | OR | ON | 2006/05/12 09:57 |
| L7 | 0 | L1 and landing adj joint | US-PGPUB; USPAT; USOCR | OR | ON | 2006/05/12 11:38 |
| L8 | 47 | landing adj joint | US-PGPUB; USPAT; USOCR | OR | ON | 2006/05/12 11:38 |
| S1 | 3547 | (166/313,50,117.5,298,55.1,277,207).CCLS. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2006/01/19 08:05 |
| S2 | 2121 | (175/61,73,171,257).CCLS. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2006/01/18 08:08 |
| S3 | 5491 | S1 or S2 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/01/18 08:09 |

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| S4 | 30879 | (tubing or tubular or casing or liner) near4 expand\$4 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/01/18 08:10 |
| S5 | 874 | S3 and S4 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/01/18 08:11 |
| S6 | 558 | S5 and cement | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/01/18 08:14 |
| S7 | 136 | S6 and (deflector or whipstock or kick adj off) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/01/18 08:14 |

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| S8 | 53 | (US-20010040054-\$ or US-20010045284-\$ or US-20020000319-\$ or US-20020060073-\$ or US-20020162657-\$ or US-20020185274-\$ or US-20030056953-\$ or US-20030192717-\$ or US-20030205379-\$ or US-20040003925-\$ or US-20040159435-\$ or US-20040159466-\$ or US-20040168809-\$ or US-20040173355-\$ or US-20040182578-\$ or US-20040182579-\$ or US-20040244992-\$ or US-20050155771-\$ or US-20050167115-\$ or US-20050167120-\$ or US-20050178555-\$ or US-20050252688-\$).did. or (US-5520252-\$ or US-6012527-\$ or US-6035935-\$ or US-6035937-\$ or US-6047774-\$ or US-6062306-\$ or US-6065543-\$ or US-6070671-\$ or US-6092602-\$ or US-6119771-\$ or US-6135208-\$ or US-6138761-\$ or US-6158514-\$ or US-6189616-\$ or US-6263968-\$ or US-6336507-\$ or US-6374918-\$ or US-6578630-\$ or US-6595289-\$ or US-6619400-\$ or US-6648068-\$ or US-6698517-\$ or US-6708769-\$ or US-6712142-\$ or US-6749026-\$ or US-6883611-\$). did. or (US-6902000-\$ or US-6907930-\$ or US-6915855-\$ or US-6935422-\$).did. or (US-2858107-\$).did. | US-PGPUB; USPAT; USOCR | OR | ON | 2006/01/18 13:52 |
| S9 | 24 | S8 and drill adj bit | US-PGPUB; USPAT; USOCR | OR | ON | 2006/01/18 13:53 |
| S10 | 3549 | (166/313,50,117.5,298,55.1,277, 207).CCLS. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2006/01/19 08:05 |

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| S11 | 2122 | (175/61,73,171,257).CCLS. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2006/01/19 08:05 |
| S12 | 5494 | S10 or S11 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/01/19 08:05 |
| S13 | 30898 | (tubing or tubular or casing or liner) near4 expand\$4 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/01/19 08:05 |
| S14 | 875 | S12 and S13 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/01/19 08:05 |
| S15 | 558 | S14 and cement | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/01/19 08:05 |
| S16 | 136 | S15 and (deflector or whipstock or kick adj off) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/01/19 08:05 |
| S17 | 79 | S16 and drill adj bit | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/01/19 08:08 |
| S18 | 356 | (wellbore or well) and drill adj bit and (whipstock or deflector or kick adj off) and expand\$4 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/01/19 08:10 |

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| S19 | 181 | (wellbore or well) and drill adj bit and (whipstock or deflector or kick adj off) and expand\$4 and cement | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/01/19 08:14 | nac |
| S20 | 74 | S19 and mandrel | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/01/19 08:12 | |
| S21 | 46 | S20 and valve | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/01/19 08:12 | nac |
| S22 | 46 | drill adj bit and (whipstock or deflector or kick adj off) and expand\$4 and cement and mandrel and valve | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/01/26 07:57 | nac |
| S23 | 65 | drill adj bit and (whipstock or deflector or kick adj off) and expand\$4 and cement and valve and collar | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/01/26 10:43 | nac |
| S24 | 28 | drill adj bit and (whipstock or deflector or kick adj off) and expand\$4 and cement and valve and float adj collar | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/01/26 09:19 | nac |
| S25 | 35 | drill adj bit and (whipstock or deflector or kick adj off) and valve and float adj collar | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/01/26 09:54 | nac |
| S26 | 32 | drill adj bit and (whipstock or deflector or kick adj off) and (valve and float adj collar same annulus) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/01/26 09:56 | nac |

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| S27 | 181 | drill adj bit and (whipstock or deflector or kick adj off) and expand\$4 and cement | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/01/26 10:51 | <i>nac</i> |
| S28 | 116 | drill adj bit and (whipstock or deflector or kick adj off) and (expand\$4 with (tubing or tubular or casing or liner)) and cement | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/01/26 10:52 | <i>nac</i> |